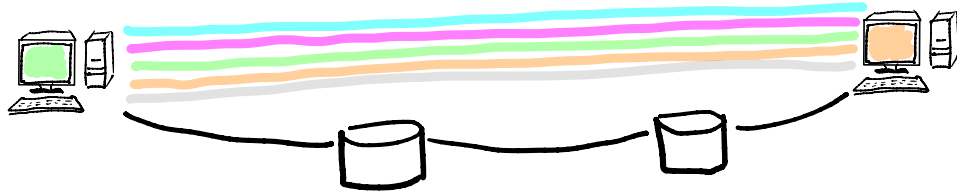
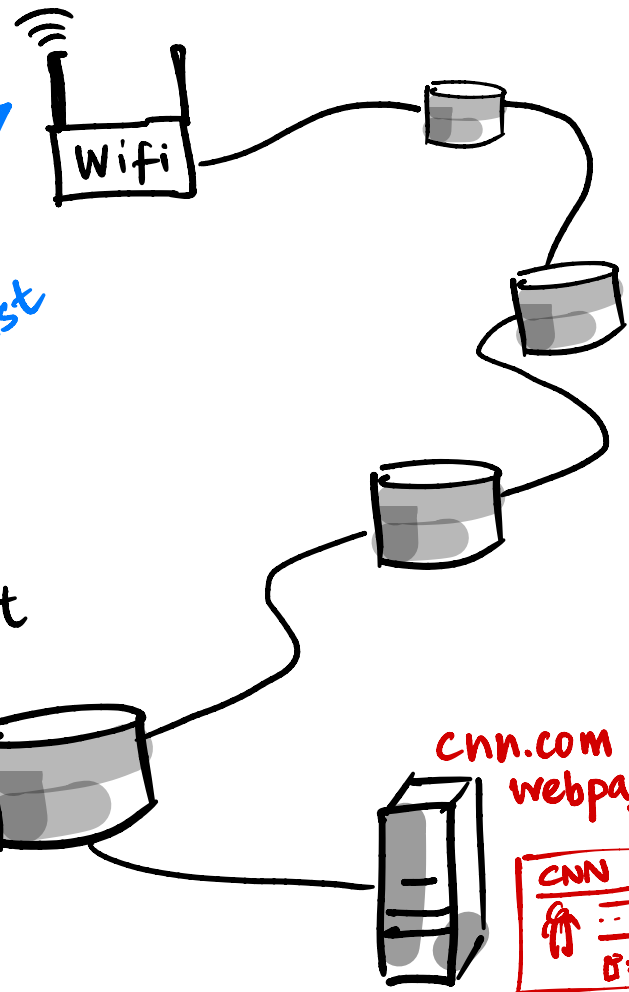
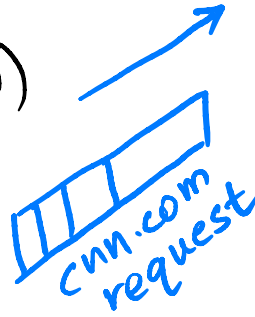


Internet

(3/2)

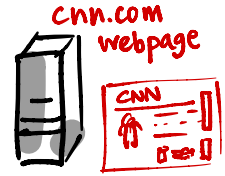


Web Browsing application

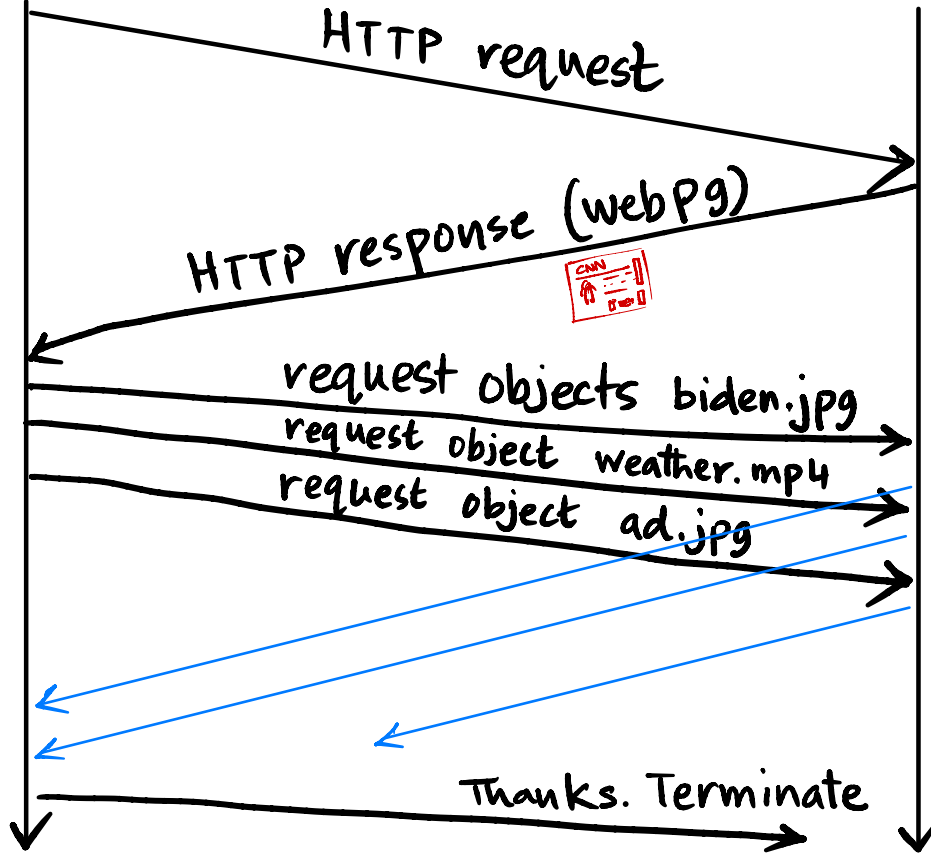


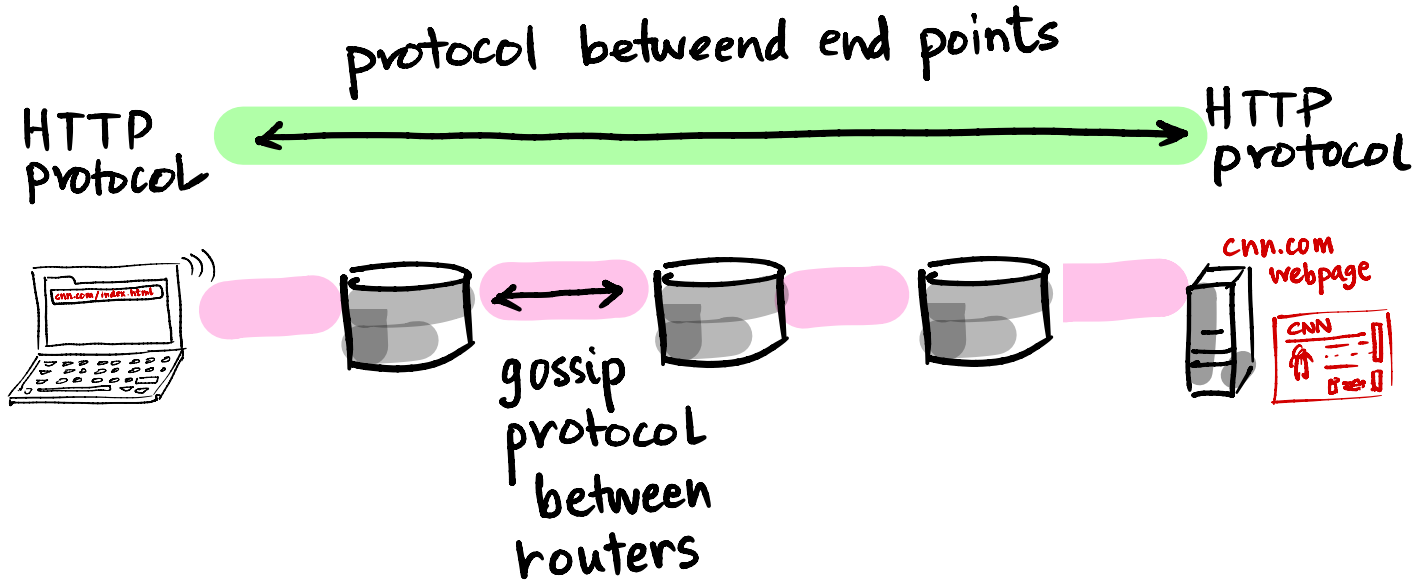
Software inside laptop

- Step 1: Create a **HTTP** request pkt
- Step 2: Get IP address using **DNS**
- Step 3: Add IP address to the "destination IP" field in packet header
- Step 4: Send data packet



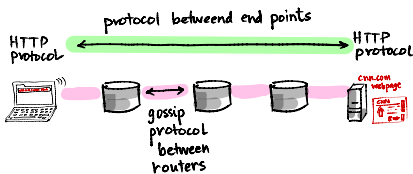
Time
↓





But say your bank balance is sent using HTTP

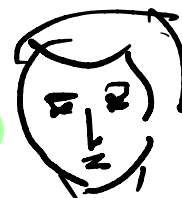
What if packet gets lost?
We Need acknowledgments



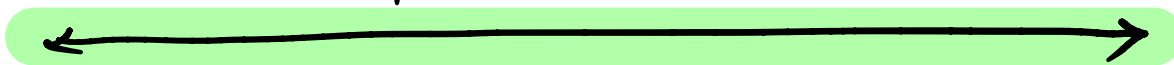
CEO Cook



CEO Musk



important matters



Reliable delivery



unreliable delivery



protocol between end points

HTTP
protocol

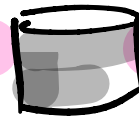


HTTP
protocol

Transport
protocol



Transport
protocol



gossip
protocol
between
routers

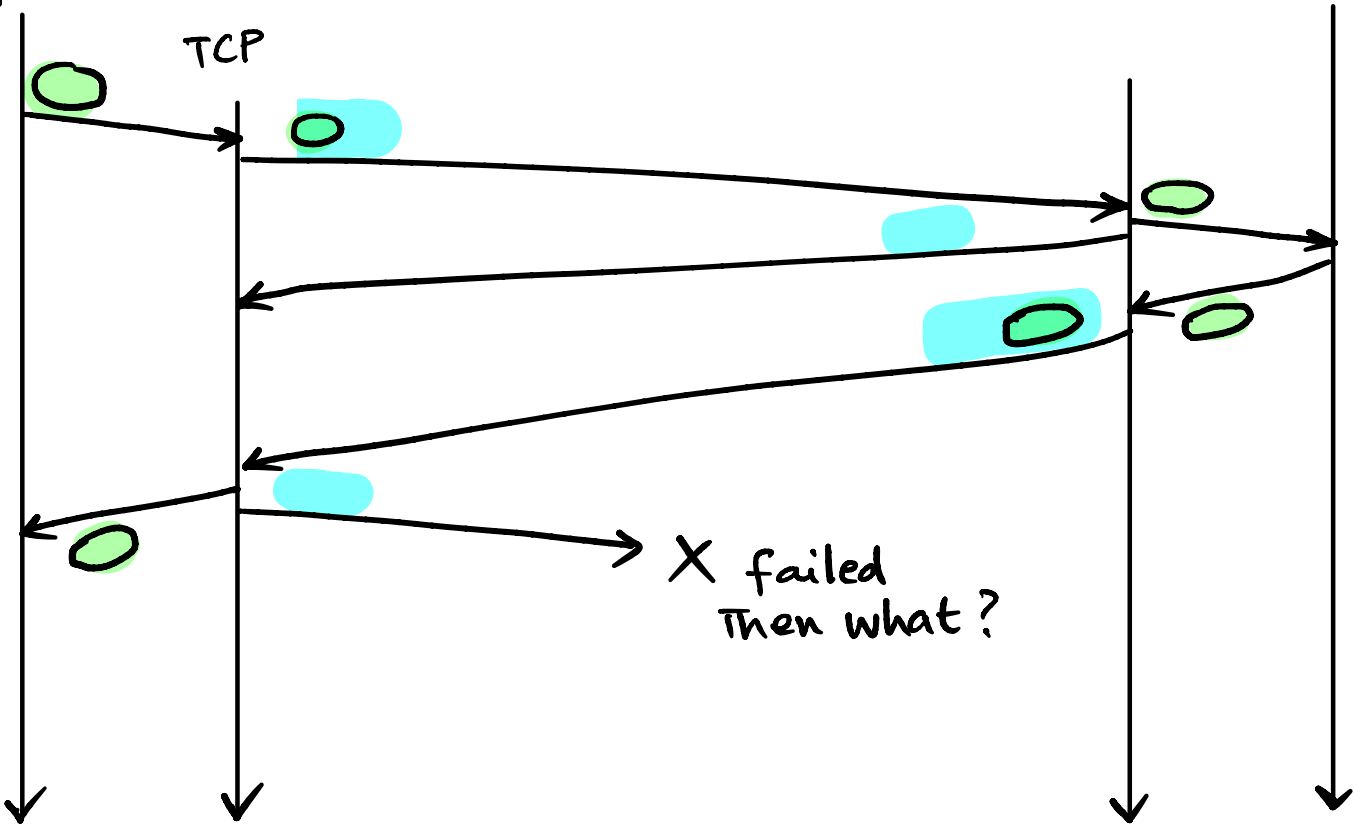
cnn.com
webpage





HTTP

TCP



X failed
Then what?



HTTP

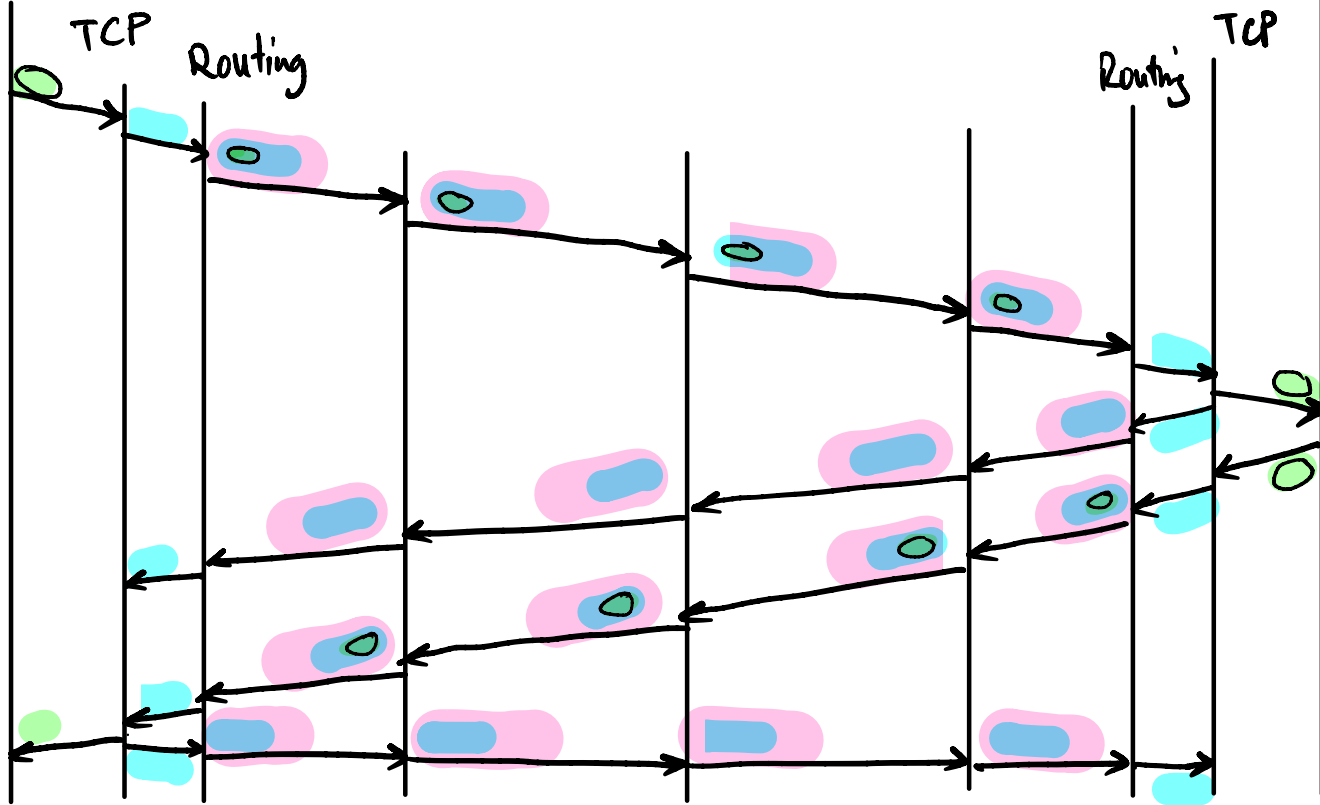
TCP

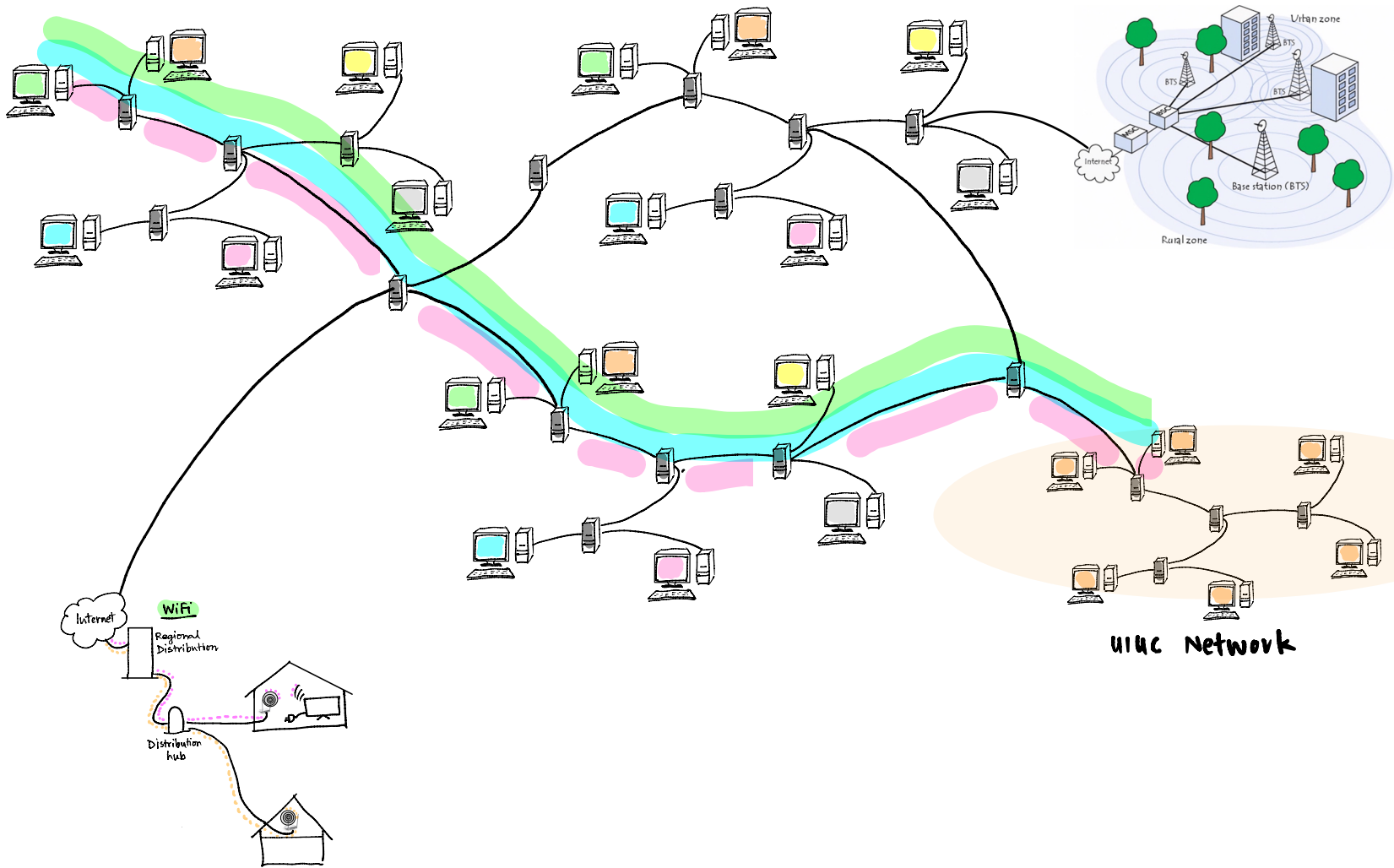
Routing

Routing

TCP

HTTP





Questions?